CI-2520 Fast/2560 Ultra™

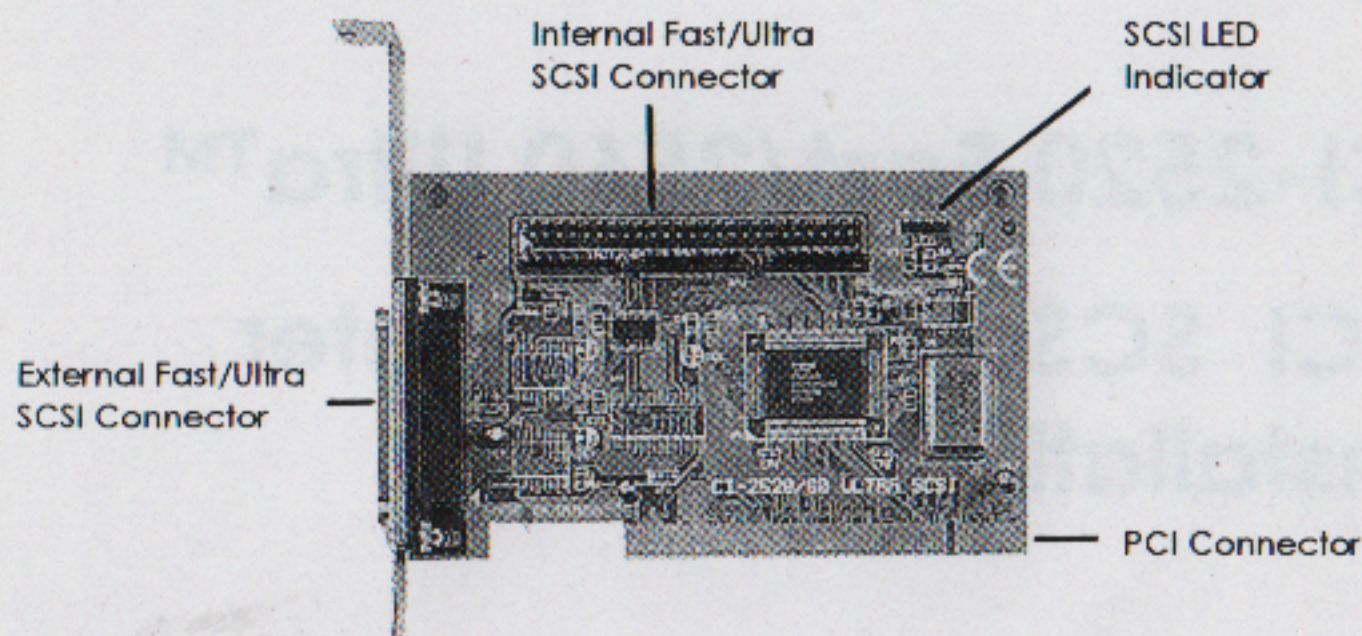# PCI SCSI-II Host Adapter Installation Guide

Connector Guide

Internal Fast/Ultra SCSI Connector

SCSI LED Indicator

External Fast/Ultra SCSI Connector
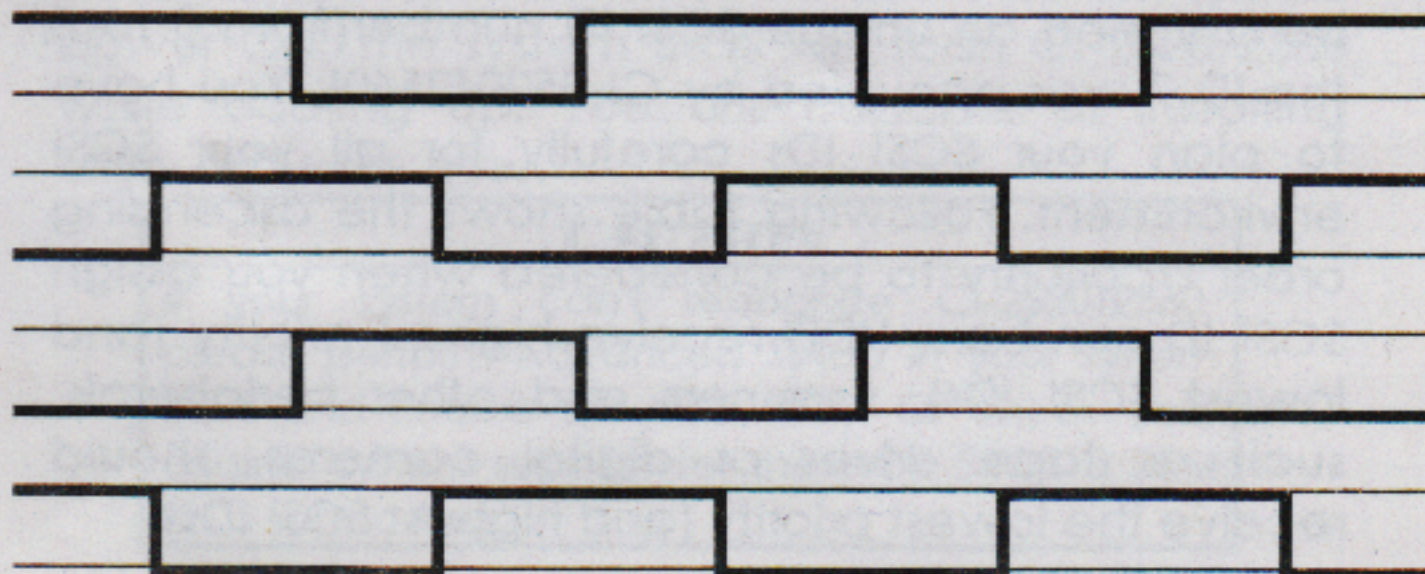
PCI Connector

Installation Instruction

Please read all instructions before beginning the actual installation procedure.

1 Turn system power OFF.

2 Set SCSI ID Number

Each SCSI device connected to CI-2520/2560, must be assigned an unique SCSI ID number(from 0 to 6, the ID 7 was occupied by CI-2520/2560). You have to plan your SCSI IDs carefully for all your SCSI environment. Following table shows the ascending order of priority to be considered when you assign SCSI ID numbers, HDD receive highest priority (and lowest SCSI IDs), scanners and other peripherals , such as tape drives or digital cameras, should receive the lowest priority (and highest SCSI IDs).

Order of Priority	
0	Hard Drives
↓	Rewritable Optical Drives
	CD-ROM Drives
6	Scanner and Peripherals

3 Terminating the CI-2520/2560

SCSI bus must be properly terminated. Termination is controlled by a set of resistors, called terminators. They must be placed(Enable) at two ends of the SCSI bus. All devices connected between the ends have to remove(Disable) their terminators. For CI-2520/60, if both connectors connected with devices, you must remove the terminators(RT1, RT2, RT3).

NOTE
If there are IC(s) mounted on U1, U2, or U4 position of CI-2520/2560 PCB, they will auto-detect SCSI bus and Enable/Disable terminate automatically.

4 Turn system power ON

Plug CI-2520/2560 in an PCI slot and fix it securely. Connect SCSI cables with SCSI devices. Turn system power ON. The system BIOS will scan CI-2520/2560 while booting up. You are capable of installing utility software now.

CAUTION
If your system can't recognize CI-2520/2560, please perform Advanced Setup in your system BIOS and Enable the SCSI BIOS. Or check your original system supplier for the NCR 53C810 SCSI BIOS supporting.

Introduction

The CI-2520/2560 PCI SCSI Host Adapter brings high performance SCSI I/O solutions for PCI based personal computers, workstations, or embedded applications.

The CI-2520 provides a 10MB/Sec Fast SCSI-II port,

The CI-2560 provides a Ultra, Fast-20 SCSI port with transfer rate up to 20 MB/Sec.

Features

☑ Full 32-bit PCI DMA bus master transfer rate up to 132MB/Sec.

☑ Onboard SYMBIOS SYM53C810A (SYM53C860) SCSI processor with built-in 80-byte DMA FIFO to increase throughput of SCSI bus.

☑ 10MB/Sec synchronous or 20MB/Sec synchronous with Fast-20.

☑ Supports complete SDMS SCSI software kit.

☑ Backward compatible with SCSI-I, SCSI-II devices, up to 7 SCSI devices supported.

☑ Support SCSI Devices : Hard Disk, CD-ROM, CD-R, CD-E, MO, Tape, Printer, Scanner..etc.

☑ Supports all major Operating Systems on current market : DOS, Windows, Windows95, Windows NT, Netware, OS/2, SCO Unix....etc.